AS:

TS

No : 1st and Final

Division : Yelahanka Division

YNK-DBR No.....
Date.....

Orginal/Duplicate/Triplicate

CONTRACT CERTIFICATE

(for Other Works)

Sub-Division: Yelahanka Sub Division

Est. Cost : ₹5 Lakhs

ಸ.ಕಾ.ಅ / ಯಲ.ಉ.ವಿ.
ಎಸ್.ಬಿ.ಆರ್. ಸಂಖ್ಯೆ:20 -0024
ದಿನಾಂಕ: 25-7-2023

Date.....

Bill Received No. .....Dated.....Cash Book Vocher No.....dated.....

Schedule Doctet No.

Head of Account : P-3726 Job Code No: 001-23-00011

Name of Work: "Construction of Anganwadi Building at Srinivaspura in Kempegowda ward no-01 of Yelahanka Sub Divison"

Name of Contractor and Full address : Smt. Likith V (Shree Byraveshwara Constructions) , Contrator Bangalore.

Work Order No: BBMP/EE/YNK.D/EPMT-12/W.O/104/2022-23

Date: 07.02.2023

Certified that the measurments were taken by me on 24/7/2023 and recorded of Pages ..49635 8 - to ..49635 8.. of measurment Book No...4964..... and that the work is satisfactorily executed.

Likith V

Contractor

Officer-In-charge of work

Certified that measurments were taken by me on 24/07/2023 and found correct.

The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account ii have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed by the contractor is recorded in the office.

Sub Division Officer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka. Bangalore

If Memorandum of Payment

1) Total value of work done or suppliers made as per account with in
2) Deduct amount to be held in reserve being .....Present Rs.....
3) " Balance
4) Deduct Payment :
   a) Amount of previous payment as in the Office Cash Book Voucher
      No.....Dated.....S.D. No.....
      Amount adjusted towards cash advance recovery of
   b) Payments cost store or other materials supplied.
      Now made recovery of amount creditable to this/other work
      Amount paid on this bill Cheque/Cash
5) Balance being unpaid value of work done held in reserve
6) Deduct cash advance made on the Office Cash Book Vocher No.....
   dated.....less adjustments
7) Net amount due to or from comtractor
   unadjusted items
8) Advance to contractor for materials brought to site (as detailed) within
   value of Government materials supplied

Bill Amount	
(+) GST	
TOTAL	2322000-00
Less : I.Tax	23220-00
SGST	19694-00
CGST	19694-00
BOWWC	23220-00
CBF	2322-00
ROYALTY	22300-00
FINE	—
FSD	—
OTHERS	—
TOTAL DEDUCTION	110450-00
NET PAY	2211550-00

Contractor's Signature

Received Rs.....(in words)

.....

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Likith V.

Dated.....Signature of contractor

Audited & Admitted For Rs. 2322000-00

By Ch Rs: 2211550-00 (In Words).....

.....And by Adjustment

For Rs. 110450-00

Stamp

Paid by me by cheque No. .....Dated.....

Cash Rs.....Dated.....

Initials of Officer making Payment

Account Assistant

Exe Engineer
B.B.M.P. Bangalore
Executive Engineer

EXECUTIVE ENGINEER: YELAHANKA DIVISION

Name of Work: "Construction of Anganwadi Building at Srinivaspura in Kempegowda ward no-01 of Yelahanka Sub Divison"

First and Final

Name of Agency: Smt. Likith V (Shree Byraveshwara Constructions)

Sl. No.	Description of work	Unit	Schedule-B		Previous Measurement		Present Measurement			Total UP-to-date		Remarks
			Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge.(PWD SR 2021-22 Vol-2 Pg 163 item No.19.7.3)	Cum	18.02	815.00	0.00	0.00	18.02	815.00	14,686.63	18.02	14,686.63	
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking to the appropriate disposal area as per direction of Engineer in-charge.(PWD SR 2021-22 Vol-2 Pg 164 item No.19.12.2)	Sqm	4.38	207.00	0.00	0.00	4.38	207.00	906.66	4.38	906.66	
3	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material to the appropriate disposal area as per direction of Engineer-in-charge(PWD SR 2021-22 Vol-2 Pg 165 item No.19.27.2)	Sqm	35.00	402.00	0.00	0.00	35.00	402.00	14,070.00	35.00	14,070.00	
4	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge(PWD SR 2021-22 Vol-2 Pg 163 item No.19.2.1)	Cum	7.00	1317.00	0.00	0.00	7.00	1317.00	9,219.00	7.00	9,219.00	
5	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking to the appropriate disposal area as per direction of Engineer-in-charge.(PWD SR 2021-22 Vol-2 Pg 165 item No.19.19)	Kg	42.00	2.00	0.00	0.00	42.00	2.00	84.00	42.00	84.00	
6	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer in-charge.(PWD SR 2021-22 Vol-2 Pg 163 item No.19.9.2)	Cum	21.94	1333.00	0.00	0.00	21.94	1333.00	29,242.69	21.94	29,242.69	

Sl. No.	Description of work	Unit	Measurement									
			Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	R
7	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Depth exceeding 1.5m, but not exceeding 3 m(PWD SR 2021-22 Vol-1 Pg 5 item No.1.4.2)	Cum	91.21	205.00	0.00	0.00	91.21	205.00	18,698.05	91.21	18,698.05	
8	Poviding and Filling foundation with granite/ trap broken metal 100mm and down size with approval sand including hand packing ramming watering including cost of all materials and labour with all lead and lift complete as per specifications .Specification No.(PWD SR 2021-22 Vol-2 Corrigenda item No.6.4)	Cum	3.87	2648.00	0.00	0.00	3.87	2648.00	10,253.06	3.87	10,253.06	
9	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregate(PWD SR 2021-22 Vol-1 Pg 15 item No.2.1.3)(PWD SR 2021-22 Vol-1 Pg 5 item No.1.4.2)	Cum	9.24	5742.00	0.00	0.00	9.24	5742.00	53,056.08	9.24	53,056.08	
10	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates(PWD SR 2021-22 Vol-1 Pg 16 item No.2.4.1)	Cum	2.29	6303.00	0.00	0.00	2.29	6303.00	14,433.87	2.29	14,433.87	

No.	Description of work	Unit	Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	R
11	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (PWD SR 2021-22 Vol-2 Pg 9 item No.5.4)	Cum	13.72	5533.00	0.00	0.00	13.72	5533.00	75,912.76	13.72	75,912.76	
12	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50m and lift upto1.5m.(PWD SR 2021-22 Vol-1 Pg 7 item No.1.9)	Cum	46.62	210.00	0.00	0.00	46.62	210.00	9,790.20	46.62	9,790.20	
13	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum.(Tipper 14 m3)(PWD SR 2021-22 Vol-III Pg 3 item No.1.1C)	Cum	44.60	76.00	0.00	0.00	44.60	76.00	3,389.60	44.60	3,389.60	
14	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km(PWD SR 2021-22 Vol-III Pg 3 item No.1.4 A)	T.Km	57.09	99.00	0.00	0.00	57.09	99.00	5,651.71	57.09	5,651.71	
15	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (PWD SR 2021-22 Vol-1 Pg 17 item No.2.4.3)	Cum	19.12	6691.00	0.00	0.00	19.12	6691.00	1,27,931.92	19.12	1,27,931.92	
16	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (PWD SR 2021-22 Vol-1 Pg 17 item No.2.5.2)	Cum	1.62	7035.00	0.00	0.00	1.62	7035.00	11,396.70	1.62	11,396.70	
17	Footings	Cum	9.12	7675.00	0.00	0.00	9.12	7675.00	69,996.00	9.12	69,996.00	

No.	Description of work	Unit	Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	R
18	Beam	Cum	5.39	7675.00	0.00	0.00	5.35	7675.00	41,030.55	5.35	41,030.55	
19	Lintel	Cum	1.47	7675.00	0.00	0.00	1.44	7675.00	11,063.51	1.44	11,063.51	
20	Staircase	Cum	2.37	7675.00	0.00	0.00	2.37	7675.00	18,189.75	2.37	18,189.75	
21	Chejja	Cum	0.35	9274.00	0.00	0.00	0.37	9274.00	3,431.38	0.37	3,431.38	
22	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)(PWD SR 2021-22 Vol-2 Pg 84 item No.11.32)	Kg	4237.73	99.00	0.00	0.00	4252.73	99.00	4,21,020.05	4252.73	4,21,020.05	
23	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conformingto IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 ncluding cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications(PWD SR 2021-22 Vol-2 Pg 17 item No.6.32)	Sqm	92.31	1236.00	0.00	0.00	92.31	1236.00	1,14,095.16	92.31	1,14,095.16	
24	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications(PWD SR 2021-22 Vol-2 Pg 17 item No.6.34)	Sqm	38.02	971.00	0.00	0.00	38.02	971.00	36,917.42	38.02	36,917.42	
25	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (PWD SR 2021-22 Vol-2 Pg 17 item No.6.33)	Sqm	47.04	1102.00	0.00	0.00	47.04	1102.00	51,838.08	47.04	51,838.08	
26	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(PWD SR 2021-22 Vol-2 Pg 41 item No.8.3.1)	Sqm	245.13	309.00	0.00	0.00	245.13	309.00	75,745.17	245.13	75,745.17	

No.	Description of work	Unit	Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	R
27	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster with cement mortar 1:3 (1 cement : 3 coarse sand) finished rough with sponge to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-incharge.(PWD SR 2021-22 Vol-2 Pg 42 item No.8.49)	Sqm	185.97	333.00	0.00	0.00	185.97	333.00	61,928.01	185.97	61,928.01	
28	Providing 12 mm cement plaster finished with a floating coat of neat cement of mix :1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(PWD SR 2021-22 Vol-2 Pg 41 item No.8.4.2)	Sqm	48.54	270.00	0.00	0.00	48.54	270.00	13,105.80	48.54	13,105.80	
29	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.(PWD SR 2021-22 Vol-2 Pg 50 item No.8.51)	Sqm	234.51	85.00	0.00	0.00	234.51	85.00	19,933.35	234.51	19,933.35	
30	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge(PWD SR 2021-22 Vol-2 Pg 48 item No.8.40)	Sqm	234.51	93.00	0.00	0.00	234.51	93.00	21,809.43	234.51	21,809.43	
31	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two coats applied @ 1.43 ltr/10 m^2 over and including priming coat of exterior primer applied @ 2.20 kg/10 m^2) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (PWD SR 2021-22 Vol-2 Pg 46 item No.8.31)	Sqm	245.13	136.00	0.00	0.00	245.13	136.00	33,337.68	245.13	33,337.68	

Sl. No.	Description of work	Unit	Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	R
32	Providing and laying Cement concrete flooring 40 mm thick with 20 mm nominal size stone aggregate using 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry complete(PWD SR 2021-22 Vol-2 Pg 59 item No.9.1)	Sqm	74.73	413.00	0.00	0.00	72.31	413.00	29,864.03	72.31	29,864.03	
33	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregate(PWD SR 2021-22 Vol-1 Pg 17 item No.2.4.1)	Cum	11.44	6080.00	0.00	0.00	11.44	6080.00	69,555.20	11.44	69,555.20	
34	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. ** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent(PWD SR 2021-22 Vol-2 Pg 63item No.9.24)	Sqm	63.88	2967.00	0.00	0.00	63.88	2967.00	1,89,531.96	63.88	1,89,531.96	
35	ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6 mm , mixing fibre @ 125 g per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement, all complete as per direction of Engineer-in-charge(PWD SR 2021-22 Vol-2 Pg 61item No.9.15)	Sqm	2.16	596.00	0.00	0.00	2.16	596.00	1,287.36	2.16	1,287.36	

Sl. No.	Description of work	Unit	Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost
36	Providing Mathi/Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.(PWD SR 2021-22 Vol-2 Pg 100item No.12.12)	Cum	0.50	77905.00	0.00	0.00	0.50	77905.00	38,952.50	0.50	38,952.50
37	Providing and fixing in position fully panelled Matti/Nandi wood shutters for doors with, stiles and rails of 35mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures)(PWD SR 2021-22 Vol-2 Pg 100item No.12.18)	Sqm	9.33	4162.00	0.00	0.00	9.21	4162.00	38,332.02	9.21	38,332.02
38	Providing and fixing M.S. grills of required pattern in frames of win dows etc. with M.S. flats, square or round bars etc.including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc(PWD SR 2021-22 Vol-2 Pg 85 item No.11.34 B)	Kgs	281.61	147.00	0.00	0.00	267.60	147.00	39,337.20	267.60	39,337.20
39	Providing & fixing of 2-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having a overall size of 60mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm X 58mm with GI reinforcement of 1mm for the frame and 1.5 mm for the sash. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2-2.5 mm. Maximum possible size – 1819mm x 1819mm (The cost is inclusive of all fixtures and separatecharges for minor T&P's shall not be made)(PWD SR 2021-22 Vol-2 Pg 111 item No.12.88)	Sqm	12.96	6950.00	0.00	0.00	10.67	6950.00	74,156.50	10.67	74,156.50

Sl. No.	Description of work	Unit	Measurement									
			Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	R
40	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and withminimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)(PWD SR 2021-22 Vol-2 Pg 111 item No.12.85)	Sqm	0.45	5035.00	0.00	0.00	0.45	5035.00	2,265.75	0.45	2,265.75	
41	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @ 0.80 ltr/10 m² of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge(PWD SR 2021-22 Vol-2 Pg 47 item No.8.33.3)	Sqm	13.41	109.00	0.00	0.00	11.15	109.00	1,215.35	11.15	1,215.35	
42	Fabricating .Providing and erecting in position Hot dip galvanised Gate.Using 72X72X4.8MM Sq.GI pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile , 20mm hot dip galvinsed sq.road for verticles at 150mm C/C,as shown in the drawing including providing hot dip galvanised forged Ornamental design in btn Sq.road and heads at top, middle,and bottom.Intermediate supports 75x12mm and 50x6 mm arch bend to hot dip galavised Flats .The work is inclusiveof thoughing GI flat GI sq.rods placing welding aal joints including griding,finishing metal putty painting two coats enamel painting .the rate is inclusive of all materials like GI sq.pipe, GI sq.rods,GI Forged designsetc... heavy duty hinges are made out of 75MM Solid Sq,block assembled with 20mm dia bearing in three places for each flop heavy duty locking arrangements at tow places including cost of labour, painting,erecting charges using hoist pulley cranes with all lead lift charges loading transportation unloading Scaffolding charges for succesfull completion of the work as per directions of the Engineer in charge(Data Rate)	Sqm	1.80	11726.00	0.00	0.00	1.80	11726.00	21,106.80	1.80	21,106.80	

Sl. No.	Description of work	Unit	Measurement									
			Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	R
43	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kgper m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.(PWD SR 2021-22 Vol-2 Pg 133 item No.15.1)	Sqm	50.31	770.00	0.00	0.00	50.31	770.00	38,738.70	50.31	38,738.70	
44	Providing and placing on terrace ,Polythene water storage tanks as per IS12701 Marked with cover and suitable locking arrangement and make necessary holes for inlet,outlet and overflow pipes but without fittings and the base supports for tank (For 1000 litres capacity)(PWD SR 2021-22 Vol-2 Corrigenda Sl.No.12 item No.13.34)	Ltr	1000.00	8.00	0.00	0.00	1000.00	8.00	8,000.00	1000.00	8,000.00	
45	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:14.1.1 White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests(PWD SR 2021-22 Vol-123 Pg 111 item No.14.1.1)	Each	4.00	4390.00	0.00	0.00	2.00	4390.00	8,780.00	2.00	8,780.00	
46	PTMT grating 100 mm dia(PWD SR 2021-22 Vol-2 Pg A-26 item No.470)	Each	2.00	16.00	0.00	0.00	4.00	16.00	64.00	4.00	64.00	
47	White Vitreous china flat back wash basin 550x400 mm(PWD SR 2021-22 Vol-2 Pg A-32 item No.674)	Each	4.00	568.00	0.00	0.00	2.00	568.00	1,136.00	2.00	1,136.00	
48	Providing and fixing brass bib cock of approved quality :20 mm nominal bore(PWD SR 2021-22 Vol-2 Pg115 item No.13.3.2)	Nos	2.00	356.00	0.00	0.00	4.00	356.00	1,424.00	4.00	1,424.00	
49	Providing and fixing brass stop cock of approved quality :20 mm nominal bore(PWD SR 2021-22 Vol-2 Pg115 item No.13.2.2)	Nos	4.00	356.00	0.00	0.00	2.00	356.00	712.00	2.00	712.00	
50	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :20 mm nominal bore(PWD SR 2021-22 Vol-2 Pg115 item No.13.5.2)	Nos	2.00	372.00	0.00	0.00	2.00	372.00	744.00	2.00	744.00	

Sl. No.	Description of work	Unit	Quantity	Rate	Qty	Cost	Qty	Rate Rs.	Cost	Qty.	Cost	Re
51	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls)20mm nominal dia pipes (PWD SR 2021-22 Vol,2 Sl.no.27.Item .No.13.48)	mtr	23.00	385.00	0.00	0.00	23.00	385.00	8,855.00	23.00	8,855.00	
52	Providing and fixing on wall face unplasticised rigid PVC rain water pipes confirming toIS:13592 Type A Including jointing with seal ring confirming IS:5382 leaving 10mm gap for thermal expansions (i) single socketed pipes 100mm diameter (PWD SR 2021-22 Vol-2 Corrigenda Sl.No.27 item No.13.48)	mtr	12.00	261.00	0.00	0.00	12.00	261.00	3,132.00	12.00	3,132.00	
									Sub Total Amount :-		19,69,354.64	
									Add 18% towards GST Charges :-		3,54,483.83	
									Grand Total Amount :-		23,23,838.47	
	Grand Total (In Words) :- Rupees Twenty Three Lakhs Twenty Three Thousand Eight Hundred Thirty Eight Paise Four Seven Only											

Certificate

1 The above work has been Completed satisfactorily

2 The debris has been removed and disposed from the work spot.

3 No. departmental issues are made to the contractor

Assisstant Engineer
Ward No.01
BBMP-Bangalore

Assisstant Executive Engineer
Yelahanaka Sub Division
BBMP-Bangalore

Asst. Executive Engineer
Yelahanka Sub Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore